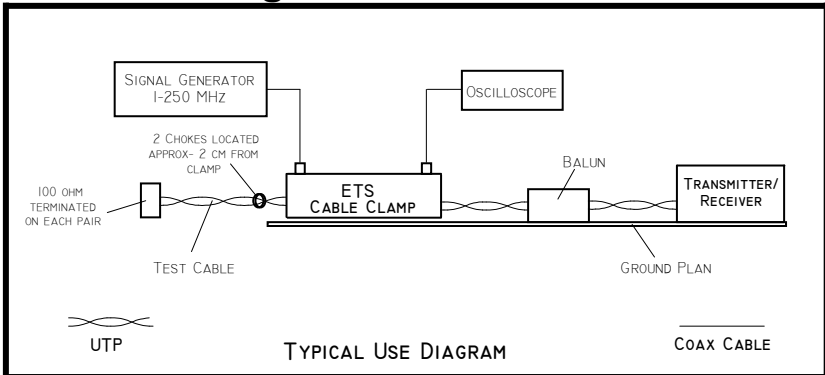


CC-100 Series

Gigabit Ethernet Cable Tester



Features/Advantages	Description	Applications
<ul style="list-style-type: none"> Built to the IEEE Standard 802.3 requirements as detailed in annex 40B of the 1000BaseT standard Made in USA. 100% QA 	<p>The Energy Transformation Systems, Inc. Cable Clamp (CC-101/CC-102/CC-109) are used in the common-mode test of the IEEE Standard 40.6.1.3.3, which is used to determine the sensitivity of the 1000BASE-T or 10GBASE-T receiver to common-noise from the link segment. This specification is provided to limit the sensitivity of the PMA receiver to common-mode noise from the cabling system. Common-mode noise generally results when the cabling system is subjected to electromagnetic fields. The Cable Clamps inject common-mode signals into a cabling system.</p> <p>The Cable Clamps have a copper center conductor surrounded with high density polyethylene dielectric and an aluminum outer case which acts as a conductor.</p> <p>The CC-102/109 allows testing of CAT6A and CAT7 cables. The CC-109 has 4 spring latches for quick and easy test set ups. Use of 6 bolts is optional. All units can test 1 – 10 Gigabits.</p> <p>NOTE: A hand allen wrench is included with the CC-101 & CC-102. Hand-tighten ONLY to prevent damage to the unit.</p>	<p>Test CAT5, CAT6A and CAT7 cable for common-mode noise rejection test of section IEEE Standard 40.6.1.3.3</p>

Specifications		Product Ordering Information	
Bandwidth	1 MHz to 250 MHz	CC-101	Cable Clamp – 1/4" cable aperture
Insert Loss	< 0.2 dB	CC-102	Cable Clamp – 3/8" cable aperture
Return Loss	> 20 dB	CC-109	Cable Clamp – 3/8" cable aperture with 4 spring latches
Connectors	Input - 50 ohm FBNC	CC-103	Ground Plane – aluminum 0.125" thick
Dimensions	Output - 50 ohm FBNC (requires 1% 50 ohm load)		12" x 30"
	CC-101 - 300 mm (11.7") x 58 mm (2.2") x 66 mm (2.1") (ht)		
	CC-102/CC109 - 300 mm (11.7") x 75 mm (2.9") x 78 mm (2.6") (ht)		
Weight	2.20 Kg (CC-101), 3.20 Kg (CC-102), 3.36Kg (CC-109)		

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Revised 02/03/2014



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